

SYSTEM AND METHOD FOR SCANNER CALIBRATION

ABSTRACT OF THE DISCLOSURE

5 A system and method are provided for determining a light output of a light
emitting diode (LED) in a scanner. The system includes a processor circuit to
execute current control logic to obtain an optimum light output from the LED. The
current control logic repeatedly applies increasing or decreasing currents to the
LED until a saturation point is identified. This may be accomplished, for example,
10 by comparing two measures of the light output of the LED for two different currents
applied to the LED. When a difference equaling a predetermined threshold
between the two measures is detected, then the saturation point is identified.

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